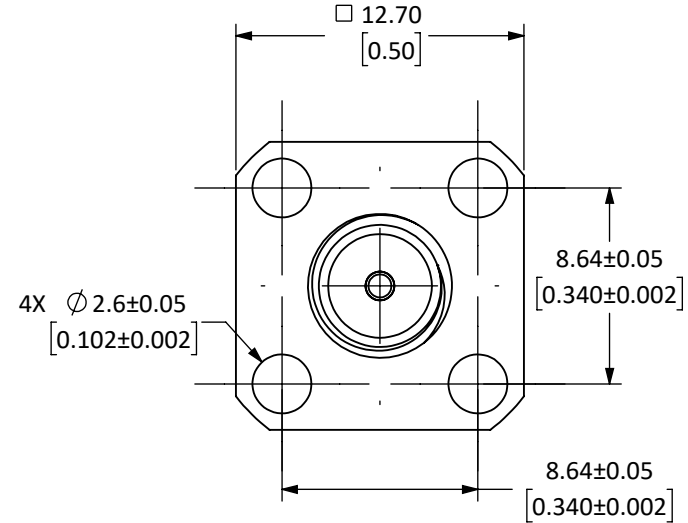
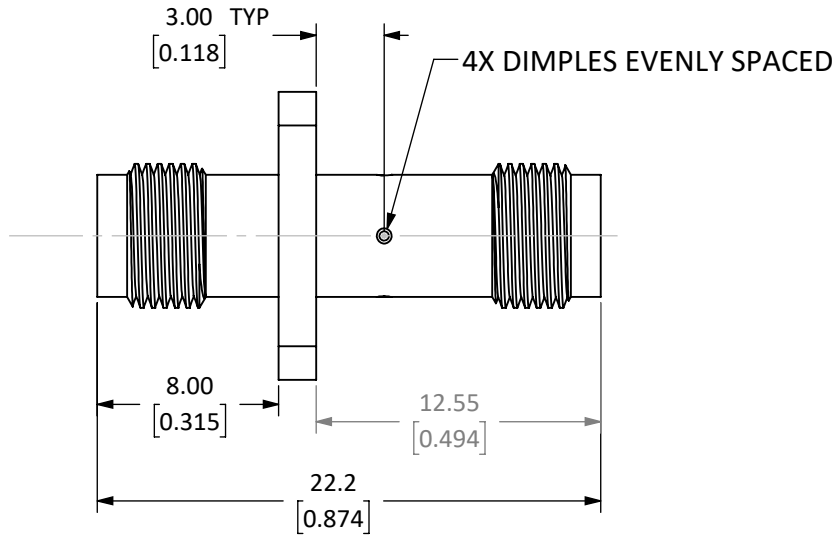


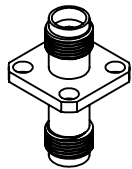
Connector A: SMA Jack (Female Socket)				
Connector B: SMA Jack (Female Socket)				
Body Style	Flange Mount			
	Connector A		Connector B	
Connector Part	Material	Finish	Material	Finish
Body	Brass	Gold	Brass	Gold
Center Contact	BeCu	Gold	BeCu	Gold
Insulator	PTFE	-	PTFE	-

REVISIONS			
REV	DESCRIPTION	DATE	APPV
A	INITIAL RELEASE OF LINX INTERNAL DRAWINGS	13-DEC-19	SAH



NOTES: (UNLESS OTHERWISE SPECIFIED)

1. ALL DIMENSIONS ARE IN MILLIMETERS [INCHES].
2. DIMENSIONS APPLY AFTER FINISHING.
3. MANUFACTURE TO BE COMPLIANT WITH EU RoHS DIRECTIVE, USE MATERIALS THAT DO NOT CONTAIN REACH SUBSTANCES OF VERY HIGH CONCERN >1000ppm, AND USE DRC CONFLICT-FREE SOURCED MATERIALS.
4. SAFETY BREAK ALL SHARP CORNERS AND EDGES 0.5 MAXIMUM.
5. SEE TABLE I FOR ELECTRICAL SPECIFICATIONS. (SHEET 2)
6. SEE TABLE II FOR ENVIRONMENTAL SPECIFICATIONS. (SHEET 2)
7. SEE TABLE III FOR MECHANICAL SPECIFICATIONS. (SHEET 2)



SCALE 1 : 1

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MATERIAL:	INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5. X ±2.0 .XX ±1.00 .XXX ±.500	PROJECTION: ANGLES: ±1° SURFACE: √	
FINISH:	DRAWN: B.MURPHY ENGR: D.VARATHARAJAN	DT: 15-NOV-19 DATE: 13-DEC-19	



159 ORT LANE
MERLIN, OR 97532

TITLE:
**SMA FEMALE TO SMA FEMALE
ADAPTER, FLANGE MOUNT**

SIZE	DWG. NO.	REV
A	C-ADP-SMAF-SMAF-F-G	A

SCALE: 3:1 DO NOT SCALE DRAWING SHEET 1 OF 2

5 TABLE I

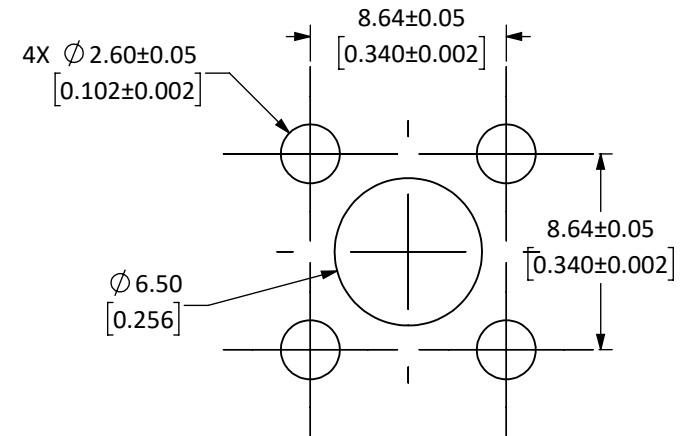
Electrical Data	Detail
Impedance	50 Ω
Frequency Range	0 to 18 GHz
Insulation Resistance	> 5000 M Ω
Voltage Rating	1000 V RMS
Contact Resistance	Center: 3.0 m Ω Max Outer: 2.0 m Ω Max
VSWR	1.25 Max

6 TABLE II

Environmental Data	Detail
Corrosion (Salt Spray)	MIL-STD-202 Method 101 Test Condition B
Thermal Shock	MIL-STD-202 Method 107 Test Condition B
Vibration	MIL-STD-202 Method 204 Test Condition D
Mechanical Shock	MIL-STD-202 Method 213 Test Condition I
Temperature Range	-65°C to +165°C
Environmental Compliance	ROHS

7 TABLE III

Mechanical Data	Detail
Mounting Type	Panel Mount, Surface Mount, Straight
Interface	SMA type IAW MIL-STD-348B
Recommended Torque	0.57 N.m (5.0 in.lbs)
Coupling Nut Retention	60 lbs Min
Connector Durability	500 Cycles Min
Weight	3.97 g (0.14 oz)



RECOMMENDED MOUNTING HOLES

SIZE	DWG. NO.	REV
A	ADP-SMAF-SMAF-F-G	A
SCALE: 3:1	DO NOT SCALE DRAWING	SHEET 2 OF 2